

## SEQUENCE LISTING

<110> SMITHKLINE BEECHAM COPORATION  
SMITHKLINE BEECHAM p.l.c.

<120> NOVEL FABH ENZYME COMPOSITION CAPABLE OF  
BINDING TO SAID ENZYME AND METHODS OF USE THEREOF

<130> P50937

<140> TO BE ASSIGNED

<141> 2000-06-07

<150> 60/138,124

<151> 1999-06-07

<160> 3

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 317

<212> PRT

<213> Escherichia coli

<400> 1

Met	Tyr	Thr	Lys	Ile	Ile	Gly	Thr	Gly	Ser	Tyr	Leu	Pro	Glu	Gln	Val
1			5					10					15		
Arg	Thr	Asn	Ala	Asp	Leu	Glu	Lys	Met	Val	Asp	Thr	Ser	Asp	Glu	Trp
			20					25					30		
Ile	Val	Thr	Arg	Thr	Gly	Ile	Arg	Glu	Arg	His	Ile	Ala	Ala	Pro	Asn
			35					40					45		
Glu	Thr	Val	Ser	Thr	Met	Gly	Phe	Glu	Ala	Ala	Thr	Arg	Ala	Ile	Glu
			50					55				60			
Met	Ala	Gly	Ile	Glu	Lys	Asp	Gln	Ile	Gly	Leu	Ile	Val	Val	Ala	Thr
			65					70				75			80
Thr	Ser	Ala	Thr	His	Ala	Phe	Pro	Ser	Ala	Ala	Cys	Gln	Ile	Gln	Ser

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      85              90              95
Met Leu Gly Ile Lys Gly Cys Pro Ala Phe Asp Val Ala Ala Ala Cys
      100              105              110
Ala Gly Phe Thr Tyr Ala Leu Ser Val Ala Asp Gln Tyr Val Lys Ser
      115              120              125
Gly Ala Val Lys Tyr Ala Leu Val Val Gly Ser Asp Val Leu Ala Arg
      130              135              140
Thr Cys Asp Pro Thr Asp Arg Gly Thr Ile Ile Ile Phe Gly Asp Gly
145              150              155              160
Ala Gly Ala Ala Val Leu Ala Ala Ser Glu Glu Pro Gly Ile Ile Ser
      165              170              175
Thr His Leu His Ala Asp Gly Ser Tyr Gly Glu Leu Leu Thr Leu Pro
      180              185              190
Asn Ala Asp Arg Val Asn Pro Glu Asn Ser Ile His Leu Thr Met Ala
      195              200              205
Gly Asn Glu Val Phe Lys Val Ala Val Thr Glu Leu Ala His Ile Val
      210              215              220
Asp Glu Thr Leu Ala Ala Asn Asn Leu Asp Arg Ser Gln Leu Asp Trp
225              230              235              240
Leu Val Pro His Gln Ala Asn Leu Arg Ile Ile Ser Ala Thr Ala Lys
      245              250              255
Lys Leu Gly Met Ser Met Asp Asn Val Val Val Thr Leu Asp Arg His
      260              265              270
Gly Asn Thr Ser Ala Ala Ser Val Pro Cys Ala Leu Asp Glu Ala Val
      275              280              285
Arg Asp Gly Arg Ile Lys Pro Gly Gln Leu Val Leu Leu Glu Ala Phe
      290              295              300
Gly Gly Gly Phe Thr Trp Gly Ser Ala Leu Val Arg Phe
305              310              315

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&lt;210&gt; 2

&lt;211&gt; 28

&lt;212&gt; DNA

&lt;213&gt; Escherichia coli

&lt;400&gt; 2

tatacatatg tatacgaaga ttattggt

28

&lt;210&gt; 3

<211> 30

<212> DNA

<213> Escherichia coli

<400> 3

atatggatcc ctagaaacga accagcgagg

30